

## CLAIMS

What is claimed is:

5 1. A haemostatic composition comprising:

10 a quantity of powdered vancomycin homogenized with a quantity of biocompatible carrier to form a paste for use on a cut bone surface or an exposed bone surface, the quantity of powdered vancomycin additionally providing antibacterial protection against gram-positive bacteria.

15 2. The haemostatic composition of claim 1, wherein the quantity of powdered vancomycin and the quantity of biocompatible carrier is in a ratio of 1 to 1, gram weight to cubic centimeter volume.

3. The haemostatic composition of claim 1, wherein the quantity of biocompatible carrier is selected from the group consisting of sterile water, aqueous saline solution and Lactated Ringers.

20 4. The haemostatic composition of claim 1, wherein the paste has a spreadable consistency and is capable of adhering to the cut bone surface or the expose bone surface and provides an effective amount of haemostasis.

25 5. A haemostatic composition comprising:

30 An admixture of a quantity of powdered vancomycin and a quantity of biocompatible carrier for use on a cut bone surface or an exposed bone surface, the quantity of powdered vancomycin additionally providing antibacterial protection against gram-positive bacteria, the quantity of biocompatible carrier being selected from the group consisting of sterile water, aqueous saline solution and Lactated Ringers.

6. The haemostatic composition of claim 5, wherein the admixture forms a paste, the  
paste having a spreadable consistency and being capable of adhering to the cut  
bone surface or the exposed bone surface and providing an effective amount of  
5 haemostasis.

7. The haemostatic composition of claim 5, wherein the ratio of the quantity of  
powdered vancomycin to the quantity of biocompatible carrier is 1 to 1, gram  
weight to cubic centimeter volume.

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8. A haemostatic composition comprising:

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a quantity of powdered vancomycin homogenized with a quantity of  
biocompatible carrier to form a paste for use on a cut bone surface or an exposed  
bone surface, the quantity of powdered vancomycin additionally providing  
antibacterial protection against gram-positive bacteria, the quantity of powdered  
vancomycin and the quantity of biocompatible carrier being in a ratio of 1 to 1,  
gram weight to cubic centimeter volume.

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9. The haemostatic composition of claim 8, wherein the paste has a spreadable  
consistency and is capable of adhering to the cut bone surface or the exposed bone  
surface and provides an effective amount of haemostasis.

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10. The haemostatic composition of claim 8, wherein the quantity of biocompatible  
carrier is selected from the group consisting of sterile water, aqueous saline  
solution and Lactated Ringers.

11. A haemostatic composition produced by the process of:

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Mixing a quantity of vancomycin powder with a quantity of biocompatible  
carrier, the quantity of vancomycin powder and the quantity of biocompatible

carrier being in a ratio of 1 to 1, gram weight to cubic centimeter volume, the quantity of powdered vancomycin additionally providing antibacterial protection against gram-positive bacteria,

5            Stirring the mixture until the quantity of vancomycin powder and the quantity of biocompatible carrier are uniformly homogenized into a paste, the paste having a spreadable consistency and being capable of adhering to and providing an effective amount of haemostasis to a cut bone surface or an exposed bone surface.

10        12. The haemostatic composition of claim 11, wherein the quantity of biocompatible carrier is selected from the group consisting of sterile water, aqueous saline solution and Lactated Ringers.

13. A haemostatic composition comprising the steps of:

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Mixing a quantity of powdered vancomycin and a quantity of biocompatible carrier in a sterile mixing vessel with a sterile instrument to form a paste for treating bone hemorrhage, the quantity of powdered vancomycin and the quantity of biocompatible carrier being in a ratio of 1 to 1, gram weight to cubic centimeter volume, the quantity of powdered vancomycin additionally providing antibacterial protection against gram-positive bacteria,

20            Applying an effective amount of the paste to a cut bone surface or an exposed bone surface with the sterile instrument to stop bleeding.

25        14. The haemostatic composition of claim 13, wherein the biocompatible carrier is selected from the group consisting of sterile water, aqueous saline solution and Lactated Ringers.